

APR 15 2005

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|--------------------------------------------------------------------------------------------|---|------------------------|-------------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | | Application Number | 10/516,373 |
| | | Filing Date | November 30, 2004 |
| | | First Named Inventor | Onno Wink |
| | | Art Unit | unknown |
| | | Examiner Name | unknown |
| Total Number of Pages in This Submission | 4 | Attorney Docket Number | PHUS020180US |

| ENCLOSURES (Check all that apply) | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Remarks</div> | <input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | |
|--------------------|-------------------------------------------------------------------------------------|-----------------|
| Firm or Individual | Douglas B. McKnight | Reg. No. 50,447 |
| Signature |  | |
| Date | April 15, 2005 | |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: April 15, 2005

| | |
|------------------|-------------------------------------------------------------------------------------|
| Typed or printed | Patricia A. Heim |
| Signature |  |
| | Date April 15, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PHUS020180US

Preliminary Amendment

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**RECEIVED
CENTRAL FAX CENTER**

| | | |
|-----------------------------------|---|----------------------------|
| In re application of: |) | Examiner: not yet assigned |
| Onno WINK, et al. |) | |
| Serial No.: 10/516,373 |) | Art Unit: not yet assigned |
| |) | |
| Filed: 04 June 2003 |) | |
| as PCT/US2003/017719 |) | |
| For: Rotational Angiography Based |) | |
| Hybrid 3-D Reconstruction of |) | |
| Coronary Arterial Structure |) | |
| Attorney Docket: PHUS020180US |) | Cleveland, Ohio 44143 |
| | | April 15, 2005 |

APR 15 2005

PRELIMINARY AMENDMENT

Mail Stop PCT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

This Preliminary Amendment is further to the concurrent filing of a US national application of PCT application PCT/US2003/017719. Entry of the following amendments together with examination and consideration of the application is respectfully requested.

Amendments to the Specification begin on page 2 of this paper.

Remarks begin on page 3 of this paper.